



AMCOM, Marshall sign technology agreement

by Jonathan Baggs

The U.S. Army Aviation and Missile Command and the Marshall Center formalized a single cooperative agreement to share knowledge, facilities and technology during a signing ceremony Monday at the Redstone Historic Test Stand on Dodd Road.

Since 1960, when the two organizations were formed from a single Army

element, scientists and engineers have cooperated on projects. In the early years, when workers knew one another from having worked at the same organization, collaborative efforts frequently were as simple as making a phone call and asking for assistance. More recently, however, each type of collaboration has been accomplished under a separate letter of agreement.

Additionally, with the merging of

Army aviation and missile missions at AMCOM, a need has developed to build technical relationships in aviation areas such as avionics.

The general interagency agreement entered into by AMCOM and the Marshall Center establishes the "collaboration of synergistic technologies," according to the wording of the agreement. Joint activities that will be undertaken, as well as the

See Agreement on page 3

Space Club honors space industry achievements

NASA Administrator Dan Goldin last week received the Wernher von Braun Space Flight Trophy for his contributions to rocketry and astronautics.

The National Space Club of Huntsville presented the award at the annual Dr. Wernher von Braun memorial celebration dinner held Nov. 16.

In his acceptance speech, Goldin said the Marshall Center has become a great source of pride for him because he "sees the spirit and dedication of Wernher von Braun throughout the agency. You are making an enormous difference."

Other individuals receiving awards for their achievements in the space industry included Lou Dobbs, Dr. Martin Weisskopf and Sandra Everhart.

Lou Dobbs, chairman and chief executive officer of Space.com, received the media award for special contributions to public knowledge and understanding of astronautics. Space.com is a Web site covering space exploration that was created to appeal to young Internet users. Marshall's Dr. Martin Weisskopf, project scientist for the Chandra X-ray Observatory, won the astronautics engineer award. And Sandra Everhart, a teacher with Dothan City Schools, received the aerospace educator award.

The Space Club also presented scholarships to Tiviley King, a senior at Alabama A&M University in Normal majoring in electrical engineering, and Ryan J. Guillot, a junior studying mechanical engineering at the University of Alabama in Huntsville.

The U.S. House of Representatives Science Committee received special recognition for its contribution to the space program.



Goldin, left, receives the Wernher von Braun Space Flight Trophy from Carla Bossard, the memorial celebration chairwoman.

Photos by Doug Stoffer, NASA/Marshall Space Flight Center



Dobbs, left, wins the media award.



Weisskopf, left, accepts the astronautics engineer award.

Breakfast with contractors



Photos by Emmett Given, NASA/Marshall Space Flight Center



Jim Roop,
TRW



Lon Miller,
Sverdrup



Laj Utraja, Native
American Services

Center Director Art Stephenson, standing, left, addresses Marshall's contractors at a breakfast last week. During the Center Director's Breakfast for contractors, Stephenson presented awards to the three winners of Marshall's Award for Contractor Excellence. Winners are TRW Space and Electronics Group, large-business product category; Sverdrup Technology Inc., large-business service; and Native American Services Inc., small-business service.

Space Age teaching resources

'NASAexplores' coming to nation's classrooms soon

by Marianne Higgins

Educators around the country will soon receive innovative and engaging science and math lessons delivered right to their classrooms with the ease of the Internet.

"NASAexplores," a new lesson plan express delivery service, will provide the weekly lessons starting in January 2001. The education department at Marshall publishes the lessons.

NASAexplores will provide timely educational content based on real — not theoretical — research, developments and events. The content will meet national educational standards. "This will be a unique pipeline by which NASA will deliver its current science and technology information directly to the classroom, at no cost to the teachers," said Jim Pruitt, manager of the Education Programs Department at the Marshall Center. "Our purpose is to help educators creatively present math, science and problem-solving skills based on NASA research and events under way at that moment."

NASAexplores will be easy for educators to receive, prepare and use. "The program is based on an e-mail subscriber list," said Pruitt. "Teachers simply sign up and we e-mail notices linking them directly to the Web site where the lessons are posted, along with related resources and materials."

Teachers without e-mail can also use the lessons on the NASAexplores Web site, currently under construction, at: <http://www.nasaexplores.com>

The program — available in a variety of downloadable and print-to-use formats — will include estimated preparation time

for lessons and a list of materials required.

Each week, two lessons will be posted to the Web site, in versions adapted for three levels of learning: kindergarten through 4th grade, grades 5-8 and grades 9-12. The materials will incorporate and support national educational standards in math, science, geography and technology, and will align with standard subject areas, such as chemistry, biology and algebra.

Since its creation in 1958, NASA has emphasized education in its mission. The Agency employs its unique resources to create learning opportunities and uses the demonstrated inspirational value of the space program to fire students' imaginations. NASA's Aerospace Technology Enterprise and Human Exploration and Development of Space Enterprise support the NASAexplores project.

"NASAexplores is designed to help NASA achieve its mission to support educational excellence," said Pruitt. "The information provided will be in sync with not only what's happening throughout NASA, but also with other appropriate events and milestones, to take advantage of educators' interests."

For more information about NASA's commitment to education, visit:

<http://education.nasa.gov>

For more information about the Marshall Center's specific missions and roles in educational programs, visit:

<http://www.msfc.nasa.gov/education>

The writer, employed by ASRI, supports the Media Relations Department.

Endeavour ready to help Space Station spread its wings

Space Shuttle Endeavour and its five-member crew are set to soar into orbit on a mission of space-flight firsts, including the task of adding a pair of giant solar wings to the International Space Station.

The launch of the shuttle is set for Nov. 30. Endeavour's liftoff from NASA's Kennedy Space Center, Fla., on mission STS-97 is targeted for 10:06 p.m. EST, in a launch window that will be less than five minutes long.

"This mission will assemble the heaviest, largest and most complex piece of the International Space Station to date," Space Shuttle Program Manager Ron Dittmore said. "Every Shuttle flight for the next year carries its own set of firsts. But this mission, unfolding solar arrays of historic proportions, will make the challenge and grandeur of this entire venture more apparent than will any other single flight. It's a great mission to complete a very safe and successful year for the Space Shuttle team coast to coast."

Endeavour will carry aloft a 17-ton package of immense solar arrays and their associated batteries, electronics and cooling equipment. Once deployed on the Space Station, this first set of solar sails will measure 240 feet, tip-to-tip, and will provide enough electricity to run 15 average-sized homes.

Veteran astronaut Brent Jett (Cmdr., U.S. Navy) will com-

mand the mission. Michael Bloomfield (Lt. Col., U.S. Air Force) will serve as pilot.

They will be accompanied by mission specialists Joe Tanner, Carlos Noriega (Lt. Col., U.S. Marine Corps) and Canadian Space Agency astronaut Marc Garneau.

Astronauts Tanner and Noriega will perform space walks during the mission to install the giant solar panels and prepare for the arrival next year of the American-made space laboratory Destiny.

Once in orbit, the Destiny module will be the most sophisticated science laboratory ever launched into space.

Endeavour also will be the first Shuttle to visit the Expedition One crew, currently working in orbit on the Space Station. Along with the technical equipment needed to attach the solar panels to the Space Station, the crew of STS-97 will drop off supplies and equipment for the three-person station crew, led by American Commander Bill Shepherd and two Russian cosmonauts, Pilot Yuri Gidzenko and Flight Engineer Sergei Krikalev. The Expedition Crew arrived at the Space Station Nov. 2 and will work onboard for nearly four months.

For more information on the next flight of the Space Shuttle and the International Space Station, visit:

<http://www.spaceflight.nasa.gov/>

Agreement

Continued from page 1

costs and other resources, will be decided on a case-by-case basis and will be covered by sub-agreements called "program agreements."

AMCOM's main focus will be to support Army transformation, while Marshall's main focus will be the 2nd Generation Reusable Launch Vehicle.

According to Maj. Gen. Al Sullivan, commanding general of the Army Aviation and Missile Command, both organizations want to leverage the science and technology being done by the other. "This agreement will enable both visions — AMCOM's and Marshall's — to be obtained while achieving maximum efficiency of use of the taxpayers' dollars."

"Whenever we can cut costs while enhancing our capabilities for space exploration and research we are eager to do so," said Art Stephenson, Marshall Center director. "Past and current joint projects with the Army have already proven such technology sharing is



Photo by Terry Leibold, NASA/Marshall Space Flight Center

Stephenson, left, and Sullivan sign the cooperative agreement.

beneficial to everyone."

Current collaboration between the two agencies includes propellant research, avionics, information technology and service life estimates. The new agreement will encourage both agencies to seek more areas for research that will benefit both.

Additional areas that the organizations may collaborate on include heat transfer, electronic and electro-optic micro-fabrication, simulation and systems management.

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Federal Thrift Savings Plan Open Season under way

An open season for enrollment in the Thrift Savings Plan will be in effect through Jan. 31.

During the open season, civil servants may elect to begin participating in the plan or change a previous election. Open season brochures are being mailed to each employee.

If you do not receive a brochure by Dec. 1, contact your organization's administrative officer. Plan Summary Booklets are available in the Human Resources Department for detailed information.

Enrollment or changes in contributions may be made by completing election form TSP-1, available in Human Resources, or may be made electronically through Employee Express on the Web at:

<http://www.employeeexpress.gov>

or call from home at 1-800-571-3453 and from work at 1-912-757-3169.

Employees may enroll, change contributions and allocate distribution among the three funds or stop contributions. New Federal Employee Retirement System employees hired after June 30, 2000, are not eligible for participation in the Thrift Savings Plan until the next open season beginning May 15.

For more information, call Edwina Bressette at 544-8115 or Debbie Allen at 544-7536. Mail completed forms to CD10/TSP or deliver to Bldg. 4200, rooms 328C or 324.

Nominees sought for positions on Marshall Exchange Council

A special nominating committee is accepting names of nominees from employees for an election to fill two positions on the Marshall Exchange Council.

Nominees will be accepted when accompanied by a petition signed by 20 or more employees.

Employees may make nominations at large. There is no requirement that nominees and petitioners be from the same organization. Petitions must bear the signature of the nominee indicating a willingness to serve if elected. Petitioners must provide their Marshall badge number in addition to their signature.

Each candidate must have served as a civil servant employee for not less than one year. The term of office is for two years. No Marshall employee may serve concurrently as a member of the council and as an officer of any Exchange-sponsored club or activity.

Deadline for submitting nominations is close of business, Dec. 6. Petitions should be mailed to exchange Council Election, CD10X, Bldg. 4752.

The new council member will take office in the New Year and will join one other elected member. Four members of the seven-person council are appointed by the Center Director: the chairman, the operations manager, the treasurer and secretary.

A list of nominees and voting instructions will be printed in the Dec. 14 issue of the Marshall Star. Ballots will be mailed to all employees.

Alabama flag flies in Russia

Payloads personnel from Marshall's Flight Project Directorate recently went to Moscow to coordinate plans and procedures for the upcoming Increment 2 Payloads Simulations between the Payloads Operations Integration Center at Marshall and Mission Control Center-Moscow payloads personnel.

The simulations in early December will include planning and execution interfaces required to integrate U.S. and Russian payload activities on the International Space Station.

Planning and realtime operations interfaces between the Payloads Operations Integration Center and Mission Control Center-Moscow have begun in support of the Nov. 30 Shuttle launch. There are already several U.S. and Russian payloads onboard the Space Station and payload operations will become more active after the upcoming mission.



The team from the Marshall Center flew an Alabama flag on their recent trip to the Mission Control Center-Moscow. Front row from left are Tina Melton, Susan Steinhauser, Anne Bauer, Teri Mears, Tracey Reed and Jan Davis. Back row from left are Jeff Hagopian, Mark Rogers, Gordie Seuell, Tim Horvath and Jim Rider.

Team Redstone celebrates Native American Heritage Month

Team Redstone hosted a Native American Heritage Month celebration Nov. 16 at the Sparkman Center. The event featured traditional dancers, right; Young Thunder, below, a drum group; artisans; and a storyteller. November is Native American Heritage Month.



Photos by Terry Leibold, NASA/Marshall Space Flight Center

Marshall' science Web site becomes bilingual

A leading NASA Web site is speaking a new language — Spanish.

The site, located at <http://science.nasa.gov> is adding the second language to give more people access to its science, math and space news. It is one of the Science@nasa family of NASA Web sites operated by the Marshall Center. It covers a variety of space-related subjects in simple terms everyone can understand, and answers such questions as why penguins rejoice, what's in the heart of a hurricane, what is space weather, and what's that bright star in the evening sky.

"If you look at the demographics in our country, Spanish is far and away the number-two language," said Ron Koczor, the NASA manager responsible for the site. According to the 1990 census, more than 17 million Americans — approximately 7.5 percent of the population — speak Spanish.

In reaching out to Hispanic readers, Koczor also hopes to help students and educators. "Some U.S. schools, especially in the inner cities, have large populations of Spanish-speaking students," he said. "We want to give these students access to high-quality science information by communicating in their primary language."

In the process, Spanish- and English-speaking students alike can build their skills with both languages while learning more about science and NASA. For example, students can compare the same story in both languages as part of a translation exercise.

The addition of Spanish content is part of a site redesign unveiled this month and follows the addition of audio versions of the science stories added during October. Along with a new look, the new format now offers articles organized by subject matter, such as astronomy, living in space, earth science or biology. The Spanish version of this site will be found at: <http://ciencia.msfc.nasa.gov>.

The family of Web sites that includes <http://science.nasa.gov>, averages more than 30 million hits a month.

Job Opportunities

CPP 01-06-RE, Executive Support Assistant (O/A), GS-303-8, Engineering Directorate. Closes Nov. 27.

Reassignment Bulletin 01-06-JB, AST, Aerospace Flight Systems, GS-861-13, Space Transportation Directorate, Pathfinder Program Office. Closes Nov. 28.

CPP 01-005-SC, Management Analyst, GS-343-7/9/11, Science Directorate, Office of the Director. Closes Nov. 30.

CPP 01-008-GF, Management Support Assistant (OA), GS-303-06, Structures Mechanics and Thermal Department, Engineering Directorate. Closes Nov. 30.

Obituaries

McBride, Darmer, 75, of Courtland, Ala., died Oct. 17. He retired from Marshall in 1974 where he worked as an electronics technician. He is survived by his wife, Kathleen A. McBride.

Hall, Richard L., 68, of Huntsville, died Nov. 11. He retired from Marshall in 1987 where he worked as an electronics engineer. He is survived by his wife, Catherine L. Hall.

Marshall women tackle professional football

by Debra Valine

On weekdays, two Marshall women can be seen at their workstations: One is a civil servant in the Space Transportation Directorate, the other, a contractor with The Boeing Co.

But on weekends, it's another story.

Debbie Scrivner, a program analyst in the Program Planning and Development Group of the Space Transportation Directorate, and Leeann Smith, a test engineer with Boeing, are professional football players with the Alabama Renegades.

The Renegades have been playing exhibition games with the Nashville Dream since October. The record stands at two wins, three losses.

The Alabama Renegade and Nashville Dream are associated with the National Women's Football League, owned by Catherine Masters. The league is an offshoot of last year's exhibition season.

When the 10-game regular season kicks off in March, there will be franchises in Atlanta, Philadelphia, St. Louis, Washington, Pensacola, New York and the Greensboro, N.C., area.

Scrivner, a starting fullback and member of special teams, and Smith, a starting tailback, flanker, split end and member of special teams, both played football with Marshall's intramural flag football league. They played for the undefeated Silver Bullets last year.

The women learned of the opportunity to try out for the professional team from another Marshall worker, Shannon Davis, who played for the Minnesota Vixens last year. Davis, a mechanical engineer in the Structural and Dynamics Testing Group of the Engineering Directorate, is not playing this season.

Scrivner could not be successful in her work or play without the support of her family, she said. In addition to her husband Jim, also adding support is their 9-year-old daughter Cory, and Scrivner's parents, Sandy Presnell of Marshall's Procurement Office, and Tom Hassell with the Office of the Inspector General.

"Jim is 'Mr. Mom' now," Scrivner said. "Probably three nights a week and every weekend he picks up the family stuff I cannot do because of football practice and games."

Her daughter is one of her biggest supporters. "She likes to brag about me at school. She wants me to come to her classroom



Photo by Doug Stoffer, NASA/Marshall Space Flight Center

Smith, left, and Scrivner play professional football for the Alabama Renegades.

and talk to the students about being a woman and playing professional football."

Smith, who began her career with Boeing in 1993 as a co-op student while attending the University of Alabama at Tuscaloosa, debuted as starting tailback in the game Nov. 18. "Bethel Bradford, our starting tailback, tore her anterior cruciate ligament and has to have surgery," she said. "She was a great leader, and we miss her.

"The hardest part of playing football is finding the time," Smith said. "I am in graduate school working on a master's degree in mechanical and aerospace engineering at the University of Alabama in Huntsville. Going to practice after class two days a week is a great stress reliever for me."

Scrivner said support in the community has been great.

"We had more than 700 people come to our first game," she said. "People are learning we are serious about this. We have some real talent coaching us."

Coach Ray Quinn, owner of the Renegades, is a former player for the University of Tennessee. Coach Ray Greene formerly coached the Alabama A&M University team and is the assistant coach for the Tennessee Valley Vipers. Receiver coach Ronald Bonner plays wide receiver and linebacker for the Vipers. And defensive coach David Knott, a former All-American, who plays defense for the Vipers, will play for the newly formed Extreme Football League when it kicks off in January 2001.

"The difference between us and a men's team is the enthusiasm coming from these women," Scrivner said.

"We give 110 percent to everything we do — at work, at home and on the football field. It's been a challenge. During the day I am focussed on my job at Marshall, but after work, when I go home, I have to change my focus."

The writer, employed by ASRI, is the Marshall Star editor.

The final Alabama Renegades exhibition game will be played at 1:05 p.m. Dec. 2 at Discovery Middle School on Hughes Road in Madison. For this game, the Renegades are teaming with the Marine Corps for the annual Toys for Tots campaign. Bring a new or slightly used toy and get into the game free.

Center Announcements

Barber Shop closed

S&H Barber Shop in Bldg. 4203 will be closed Thursday and Friday for Thanksgiving. Regular hours are 8 a.m.-4:45 p.m. Monday through Friday. For appointments, call 881-7932.

Nut sale

The NASA Exchange holiday nut sale is under way. Sales will be from 9 a.m.-4 p.m., Monday - Friday (excluding holidays) in the Marshall Activities Bldg. 4752 in racquetball court no. 2.

Shuttle Buddies

The Shuttle Buddies will meet for breakfast at 9 a.m. Nov. 27 at Mullins Restaurant on Andrew Jackson Way. For more information, call Deemer Self at 881-7757 or Gail Wynn at 852-8189.

Marshall Association

Tim Huddleston will speak at the Nov. 28 Marshall Association meeting at 11:30 a.m. in the Bldg. 4203 cafeteria. Cost for lunch is \$6.50. All Marshall employees, retirees and contractors may attend. Huddleston serves as Alabama Gov. Don Siegelman's advisor for aerospace affairs. He previously served as director of aerospace education for the Alabama Wing Civil Air Patrol, an auxiliary of the U.S. Air Force.

World AIDS Day

Since 1988, Dec. 1 has been World AIDS Day. The day is used to bring messages of compassion, hope, solidarity and understanding about AIDS to every country in the world. Each year there is a particular theme chosen for World AIDS Day. This year's theme is "AIDS: Men Make a Difference." To learn more about AIDS and World AIDS Day, visit the Web at: www.avert.org

Retirement applications

Retirement applications for Dec. 31 through Jan. 3 separation dates should be submitted to Edwina Bressette in the Human Resources Department no later than Dec. 8 to assure timely processing and receipt of payments.

Software process improvement

A four-day program on software process improvement that will help organizations meet CMM-Level 3 certification requirements will be Dec. 5-8 at Goddard Space Flight Center in Greenbelt, Md. Attendees include GS-13 through SES software engineering management professionals. Nomination forms are available on the Web at: www.hq.nasa.gov/office/codef/codeft/ (click on APPL nomination form) For more information, call Jackie Clarke at (703) 820-4900, ext. 111.

Improve communication skills

A one-day class on improving your on-the-job listening and speaking skills will be from 8-11:30 a.m. Dec. 5 in Bldg. 4200, room G-13C. The class teaches how to listen effectively and hear what others are actually saying, the key to empathetic listening, use strong communication tools to improve work performance, and work with difficult people. Civil servants may register via AdminSTAR.

Research mentors

The Education Programs Department has scheduled a workshop Dec. 6 for current and prospective research mentors/advisors. For more information, call Pamala Heard at 544-0776. Register to attend online at: http://www1.msfc.nasa.gov/education/registration_form.html

Vibration testing course

A short course on practical vibration and shock testing will be held Feb. 20-22 at Wyle Laboratories at 7800 Highway 20. For more information, call (805) 564-1260.

Girl Scout cookies

The Girl Scouts of North Alabama are taking orders for Girl Scout cookies through Dec. 3 for cookies to be delivered Jan. 13-Feb. 17. Proceeds from the annual cookie sale are used by

troops for activities they have planned and by the council to fund services and programs in this area. Cookies are \$3 per box. To locate at troop near you, call 1-800-410-8338.

Christmas Dinner Dance

The MARS Ballroom Dance Club will host the Christmas Dinner Dance from 6:30-11 p.m. Dec. 2 at the Von Braun Center. Tickets — at \$25 per person, with a \$5 discount for club members — may be purchased from Linda Kinney at 544-0563 until close of business Nov. 27.

2000 FEHB Health Season

The 2000 Federal Employees Health Benefits (FEHB) Open Season continues through Dec. 11.

"Africa: The Serengeti"

The large format movie, "Africa: The Serengeti," opens at the U.S. Space & Rocket Center's Spacedome Theater Friday. The film will be shown every Friday and Saturday at 7 and 8 p.m. through Dec. 30, and Monday through Friday at 3 p.m. Nov. 27-Dec. 28. Daily and evening tickets for the film are \$7.50 for adults and \$6.50 for children, ages 3-12. Tickets are available only in the Space Center's main lobby. For more information, call 721-7114.

To thank you

Words cannot express the sincere appreciation Keith, Lindsey and I feel for all the kind words, gifts, donations of leave and prayers our family has received over the past eight months. Although Lindsey continues to improve, she is still undergoing treatment each week. Please continue to pray for our family during this difficult time.

Sincerely,
Terry Jones, ED01

Employee Ads

Miscellaneous

- ★ Sears 3500 treadmill, programmable series, mid-size, white, key activated, \$200, will deliver. 931-438-0476
- ★ JVC single CD component, \$40. 852-0923
- ★ 1997-2000 new Camry floor mats, \$40; Kirby vacuum cleaner w/attachments, \$120. 881-0656
- ★ Ski suit, black and dark pink, size medium, \$45. 881-6419
- ★ Large china cabinet w/lighted mirrored display, cherry finish, new, slightly damaged, 78"x15.5"x61", \$800 obo. 883-5253
- ★ Ibanez 6-string electric guitar w/amp, tuner and instruction accessories, \$300. 830-2806
- ★ Zip drive, parallel, \$50; Davidson educational SW, (Mathblaster, Algeblaster, Speedreader, etc.), 6 for \$30. 461-8721
- ★ Vanguard 30K BTU ventless gas heater, \$175; Magnavox enhanced VGA 15" monitor, \$50. 256-586-6361
- ★ Sony Playstation 1 memory cards, one Sony, one generic, \$15 for both. 325-6000
- ★ Ceramic supplies, large assortment including glazes, one gallon clear glaze, mold for pitcher, \$30. 837-6776
- ★ Cherry sleigh bed; dresser; Windsor bench; TV center; sugar chest; leather recliner; lamps. 233-0025
- ★ Dinette set; table, four cushioned chairs, heavy glass top, brass structure, \$125. 533-2287
- ★ Old Russian style Boxwood and Rosewood chess set, 4" tall, triple weighted, \$175. 651-7144
- ★ Wood burning stove, free standing, glass front, \$150. 883-8378
- ★ Short mink coat, small, \$125; computer monitor, 13" color, \$50. 536-8732
- ★ Antique Duncan Phyffe style sofa, upholstered, 3 cushions, hand carved walnut wood trim, brass claw feet, \$500. 256-586-2215
- ★ Children's Britannica Encyclopedia set, 16 volumes, \$40; Southern Living Cookbook and Idea Books, \$5 each. 881-1090
- ★ Rottweiler puppies, 6 weeks old, 3 females/\$250 each, 2 males/\$275 each. 858-2276
- ★ Epiphone Flying V bass guitar; MINT w/case, Korina wood w/gold hardware, \$500. 306-0700
- ★ 1991 Schwinn Worldsport 10-speed bicycle w/helmet, tire pump w/gauge readout, \$115. 830-1060
- ★ Mount Vernon tea table, mahogany, Hickory Chair, figured grain top, serpentine apron, claw/ball feet. 882-1097
- ★ Alabama fieldstone, approx. one trucks load, various sizes for building, gardens, etc., \$50. 881-8879
- ★ Holton trombone w/F-key attachment, \$750; drum set, \$250; Nordic Track manual treadmill, \$100. 837-0996 after 5 p.m.
- ★ Submersible sump pump, 1/3HP w/hi/lo float switch, \$25; 1974 Ford Bronco, classic, 302 w/automatic, \$2,200 obo. 464-5819
- ★ Four 4-tube florescent light fixtures, \$60; Kenmore office refrigerator, 2.3 cu. ft., \$60; baby bed, \$75. 852-7180
- ★ Two twin beds, mattresses, bed covers, matching cushions, and table, \$250. 533-4824

Vehicles

- ★ 1989 Honda Accord, 5-speed, needs paint job, \$1,500 obo. 859-5814/885-5773 pager
- ★ 1990 Dodge Grand Caravan SE, 178K miles, 3.31 V-6, new transmission in 1999, poor paint, \$1,700. 880-7473
- ★ 1986 Suburban 2WD, dual a/c, 9-passenger, tow hitch, \$3,950. 325-6000
- ★ 1992 Chrysler Plymouth minivan, white, roof rack, class II hitch, pw/pl, cruise, 116K miles, \$3,850. 837-0714
- ★ 1995 BMW 325i, 4-door, emerald green w/tan leather, all power, sunroof, 77K miles, \$15,900. 895-9050/337-2275
- ★ 1990 Cadillac Deville, red and white, all power, am/fm/cassette, a/c, cruise, \$3,950. 461-8442
- ★ 1976 Chevy pick-up, 6 cyl., 3-speed, short/narrow bed, new chrome wheels, \$1,250. 256-753-2278
- ★ 1992 Honda Accord LX, 4-door, auto, good tires, many new parts, \$4,000. 355-6858
- ★ 2000 Ford Ranger XLT Super-Cab, a/c, ps, step side, 8K miles, \$16,200. 379-4980
- ★ 1997 Ford F150, 4x2, Super-cab XLT, 4.6L V-8, auto, 63K miles, green, one-owner, bed cap., \$16,500. 881-5093
- ★ 1991 Toyota Camry LE. 880-6197/881-5897
- ★ 1995 Celica, light blue, 2-door hatchback, 109K miles, 5-speed, new Michelins, am/fm cassette, \$8,650. 532-1250
- ★ 1994 Nissan Sentra, 96K miles, red, 4-door, automatic, a/c, \$3,195 obo. 464-0660
- ★ 1994 Ford Ranger XLT excab, 4.0L, 5-speed, cruise, tilt, bedliner, one-owner, 104K miles, \$5,500. 518-9261
- ★ 1998 Isuzu Amigo, 64K miles, blue, alloy rims, off-road tires, \$10,400. 564-7404
- ★ 1992 Suzuki Bandit motorcycle, GSF-400N, 14K miles, \$2,400. 859-0729
- ★ 1985 BMW 325e, 2-door, 5-speed, sunroof, new interior/dash, \$3,900. 852-8325
- ★ 1997 Ford F-250 XLT, heavy-duty, 4x4, 40K miles, w/gooseneck and towing package, automatic, \$16,900. 931-732-4742

Found

- ★ Civil servant service pin, name years of service to claim. 544-5920
- ★ Money/checks. Call 544-4758 to identify denominations and amounts

Free

- ★ Collie mix dog, two years old, spayed, shots, needs large fenced yard or rural home. 256-586-5210
- ★ To good home, small mixed breed dog, owner is moving. 859-5475

Wanted

- ★ Bed frame for king-size mattress set. 852-4406 evenings
- ★ Socket 7 or Socket 5 motherboard for low-end Pentium, preferably working. 880-3818

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